

## About This Information/Guidance Document

**Current Status** *I/G-Active*

### **Standard Identifier**

ISO 19114:2003 w/ISO 19114/Cor. 1:2005

### **Title of Standard**

Geographic information - Quality evaluation procedures, 4 September 2003, with Corrigendum 1, 15 September 2005

### **Standards History**

Date Active	Date Inactive
2007-02-27	n/a

### **Standards Body**

[ISO](#)

[Broken Link?](#)

### **URL to Access or Acquire**

<http://www.ansi.org>

### **Standard Applicability**

#### **2007-02-27**

This International Standard is applicable and allows for the reporting of quality evaluation results. This standard along with ISO 19113 Quality Principals:2002 and ISO/TS 19138:2006 Data quality measures: 2006 provides for the Quality assessment and reporting for Geospatial datasets.

### **Standard Abstract**

#### **2007-02-27**

This International Standard establishes a framework of quality evaluation procedures for a dataset of geospatial data so that data producers can define how well their products meet their product specification and users can define their requirements and how well they are met. The product specification or user requirements should allow the acceptable quality levels to be determined for each quality metric. An estimation of a dataset's quality is made by sampling, computer processing and/or indirectly by deduction for comparison with the acceptable quality level.

### **Products Incorporating This Standard**

None

### **Relevant Information**

This citation is authored by the GWG's Metadata Focus Group.

### **Implementation Guidance**

ISO/TS 19138: 2006 Data quality measures provides for the implementation requirements of this standard.

### **Standard Selection Criteria**

#### **Net-Centric Interoperability**

This standards (in conjunction with other ISO TC 211 standards) will form the basis for the interchange and distribution of future geospatial intelligence data. Specifically ISO 19113 and ISO/TS 19138: 2006 Data quality measures which is the quality implementation specification from ISO. ISO 19114 is additionally complimentary to ISO 19115 with corrigendum - Metadata Standard.

**Technical Maturity**

This is a mature International Standard. Drafts of this standard were reviewed by experts from a number of nations, and the standard was approved by multiple national standards bodies, including the USA (ANSI).

**Public Availability**

This standard is publicly available, in either hardcopy (paper) or softcopy (PDF) form, from the International Standards Organization and/or ANSI.

**Implementability**

Although this standard itself is an abstract standard, the ISO implementation of quality is ISO/TS 19138, to which this standard is complimentary.

**Authority**

This is an International Standard, published by the ISO (International Organization for Standardization).

<b><u>Standard Type</u></b>	Non-Military
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<b><u>Keywords for Search</u></b>	None
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